CERTIFICATE OF ANALYSIS

(Certificate No. KMC016001-01)

Release Date: 01/06/2024 **Re-test Date:** 31/05/2027

Clotrimazole Impurity 2

Identification

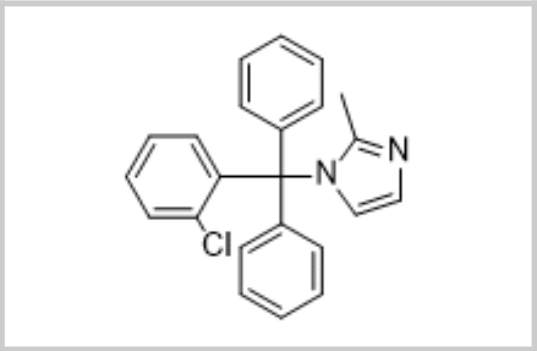
Chemical Name :
1-((2-chlorophenyl)diphenylmethyl)-2-methyl-1H-imidazole

CAT No. : KMC016001

CAS No. : 98751-53-2

Molecular Formula : C23H19ClN2

Molecular Weight : 358.86



Analytical Information

Batch No.	: CLO-IMP-2-073-233	**Solubility**	: ACN
Description	: Off White solid	**Mass**	: Confirm
HPLC Purity	: 98.60 %	**IR**	: Confirm
Weight Loss By TGA	: 1.06 %	**1H NMR**	: Confirm
% Potency	: 97.55 %	**13C NMR**	: Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 1.06(Weight Loss By TGA)] x [98.60(HPLC Purity)]/100 = 97.55 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/06/2024
Reviewed & Approved By	Quality Control	Parag Patel		01/06/2024

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR